

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



557333

(43) International Publication Date
23 December 2004 (23.12.2004)

PCT

(10) International Publication Number
WO 2004/110520 A2

(51) International Patent Classification⁷:

A61M

Richard [US/US]; 2891 Alton Drive, St. Pete BEACH, FL 33706 (US).

(21) International Application Number:

PCT/US2004/018707

(74) Agents: KREBS, Robert, E. et al.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).

(22) International Filing Date: 14 June 2004 (14.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:
60/478,307 12 June 2003 (12.06.2003) US

(71) Applicant (for all designated States except US): SUB-Q, INC. [US/US]; 1062-D Calle Negocio, San Clemente, CA 92673 (US).

(72) Inventors; and

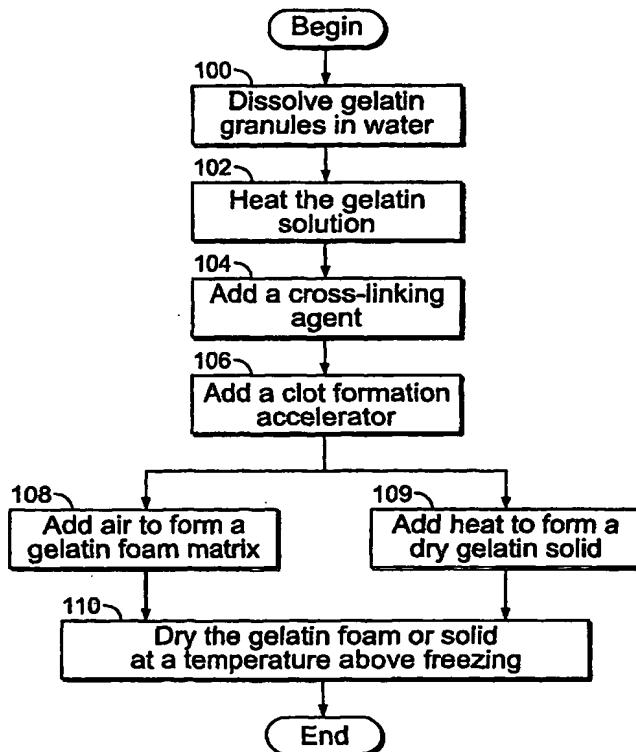
(75) Inventors/Applicants (for US only): SING, Eduardo, Chi [MX/US]; 5 Terraza Del Mar, Dana Point, CA 92629 (US). ASHBY, Mark [US/US]; 23962 Frigate Drive, Laguna Niguel, Ca 92677 (US). TRAN, Tin [US/US]; 2856 East Alden Place, Anahaim, CA 92806 (US). GREFF,

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: IMPROVED SYSTEM AND METHOD FOR FACILITATING HEMOSTATIS WITH AN ABSORBABLE SPONGE



(57) Abstract: The present invention provides for a method and apparatus to provide hemostasis at a blood vessel puncture site, having a hemostasis material and a clot formation accelerator, wherein said clot formation accelerator is substantially dispersed throughout said hemostasis material.

WO 2004/110520 A2



FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *without international search report and to be republished upon receipt of that report*